CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)	Docket No.
Applicant(s): Balmin et al.	ARC920030042US1

Serial No. 10/698,622	Filing Date 10/31/2003	Examiner Unknown	Group Art Unit Unknown

Invention: X PATH CONTAINMENT FOR INDEX AND MATERIALIZED VIEW MATCHING

I hereby certify that this   Information Disclosure Statement
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P07A/REV03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Balmin et al.

Serial No.: 10/698,622   Group Art Unit: Unknown

Filing Date: October 31, 2003   Examiner: Unknown

For: X PATH CONTAINMENT FOR INDEX SELECTION AND MATERIALIZED
        VIEW MATCHING

Assistant Commissioner of Patents
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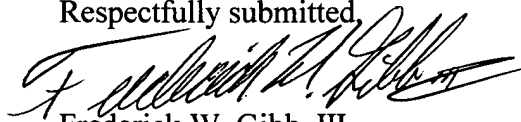## INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicants'

duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following

documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge

of the above-identified application. Copies of the listed documents are provided herewith for

the convenience of the Examiner. This citation does not constitute an admission that the

references are relevant or material to the claims. They are only cited as constituting related

art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner

and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to

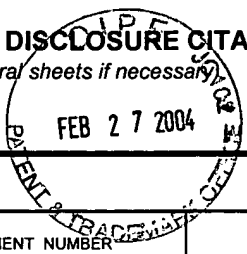Attorney's Deposit Account No. 09-0441.

Respectfully submitted,

Frederick W. Gibb, III
Registration No. 37,629

Date: 2/24/04

McGinn & Gibb, PLLC
2568-A Riva Road, Suite 304
Annapolis, Maryland 21401
(410) 573-1545
Customer No. 29154

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

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ATTY DOCKET NO. ARC920030042US1	SERIAL NO. Not Yet Assigned
FILING Concurrently Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,182,029	01/30/01	Friedman			
		6,339,776	01/15/02	Dayani-Fard et al.			
		6,401,241	06/04/02	Taylor			
		6,466,940	10/15/02	Mills			
		US2002/0170070	11/14/02	Rising, III et al.			
		6,538,673	03/25/03	Maslov			
		6,549,922	04/15/03	Srivastava et al.			
		US2003/0088558	05/08/03	Zaharioudakis et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		EP 1280053	01/29/03	Europe				

OTHER DOCUMENTS   (Including Author, Title, Date, Pertinent Pages, Etc.)

		Balmin et al.," XPath Query Containment for Index and Materialized View Matching, " Nov. 2002, pp. 1-12.
		Miklau et al., "Containment and Equivalence for an XPath Fragment", ACM PODS, June, 2002, pp. 65-76.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820
(also form PTO-1449)

P09C/REV03

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Cheng et al., "XML and DB2", IBM Santa Teresa Laoratory, Proc. of 16th Intern. Conference on Data Engineering, February, 2000, pp. 1-5.
		Neven, "Automata Theory for XML Researchers", Database Principles, Vol. 31, No. 3, September, 2002, pp. 39-46.

EXAMINER	DATE CONSIDERED

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Braga et al., "A Tool for Extracting XML Association Rules", Proc. of the 14th IEEE Confer. on Tools with Artificial Intelligence, 2002, pp. 57-64.

EXAMINER	DATE CONSIDERED

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